Amendments to the Claims:

This listing of claims will replace all prior versions, and listings, of claims in the application:

Listing of Claims:

1 (currently amended). An image bearing article, comprising:

a) a support;

b) a visible image recorded on the support, the visible image having a plurality of image pixels; and

c) invisible information recorded on the support, the invisible information having ~~a plurality of~~ invisible data elements <u>corresponding to each</u> <u>of said image pixels of said visible image,</u> each <u>of</u> said invisible data ~~element~~ <u>elements</u> relating to and being in registration with a ~~corresponding~~ <u>respective</u> one of the image pixels of the visible image.

2 (currently amended). ~~The article claimed in Claim 1,~~ <u>An</u> <u>image bearing article, comprising:</u>

<u>a) a support;</u>

<u>b) a visible image recorded on the support, the visible image</u> <u>having a plurality of image pixels; and</u>

<u>c) invisible information recorded on the support, the invisible</u> <u>information having invisible data elements corresponding to each of said image</u> <u>pixels of said visible image, each of said invisible data elements relating to and</u> <u>being in the same physical pixel location as a respective one of the image pixels</u> <u>of the visible image;</u>

wherein the visible image is a pictorial image.

3 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible ink deposited by an inkjet printer.

4 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible dye in a photographic emulsion layer.

5 (original). The article claimed in Claim 2, wherein the invisible information is recorded as a pattern of invisible dye deposited by sublimation from a donor.

6 (original). The article claimed in Claim 2, wherein the pictorial image is a photographic image.

7 (original). The article claimed in Claim 2, wherein the pictorial visible image is a computer generated image.

8 (currently amended). The article claimed in Claim 1, wherein the invisible ~~information is~~ data elements are each distance information relating to ~~the~~ a respective one of the image pixels.

9 (currently amended). The article claimed in Claim 1, wherein the invisible ~~information is~~ data elements are each a classification of ~~the~~ a respective one of the image pixels.

10 (currently amended). The article claimed in Claim 1, wherein the invisible ~~information is~~ data elements are each a difference between ~~the each~~ a respective one of the image pixels and a corresponding element in a separate image.

11 (previously presented). The article claimed in Claim 10, wherein the visible image and the separate image comprise a stereo pair.

12 (currently amended). The article claimed in Claim 1, wherein the invisible ~~information is~~ data elements are each an attribute of the color or exposure of ~~the~~ a respective one of the image pixels.

13 (currently amended). The article claimed in Claim 1, wherein the visible image is a constrained image and the invisible ~~information represents~~ data elements each represent a difference <u>at a respective one of the image pixels</u> between the constrained image and an unconstrained version of the image.

14 (previously presented). The article claimed in Claim 13, wherein the visible image is constrained in resolution.

15 (previously presented). The article claimed in Claim 13, wherein the visible image is constrained in dynamic range.

16 (previously presented). The article claimed in Claim 13, wherein the visible image is constrained in color gamut.

17 (previously presented). The article claimed in Claim 1, wherein the invisible information is detectable in the ultraviolet region of the electromagnetic spectrum.

18 (previously presented). The article claimed in Claim 1, wherein the invisible information is detectable in the infrared region of the electromagnetic spectrum.

19 (original). The image bearing article claimed in Claim 1, wherein the invisible information is recorded in multiple layers on the support.

20 (original). The image bearing article claimed in Claim 1, wherein the article contains a temporal sequence of images.

21 (currently amended). The image bearing article claimed in Claim ~~1~~ <u>2</u>, wherein the invisible information is recorded at a resolution different from that of the visible information.

22 (currently amended). A method of recording an image, comprising the steps of:

a) recording a visible image on a medium, the visible image having a plurality of image pixels; and

b) recording invisible information on the medium, the invisible information having ~~a plurality of~~ invisible data elements <u>corresponding to each of said image pixels of said visible image</u>, each <u>of</u> said invisible data ~~element~~ <u>elements</u> relating to and being in registration with a ~~corresponding~~ <u>respective</u> one of the image pixels of the visible image.

23 (currently amended). ~~The method claimed in Claim 22,~~ <u>A method of recording an image, comprising the steps of:</u>

<u>a) recording a visible image on a medium, the visible image having a plurality of image pixels; and</u>

<u>b) recording invisible information on the medium, the invisible information having a plurality of invisible data elements, each of said invisible data elements relating to and being in the same physical pixel location as a respective one of the image pixels of the visible image;</u>

wherein the visible image is a pictorial image.

24 (previously presented). The method claimed in Claim 23, wherein the invisible information is recorded as a pattern of invisible ink deposited by an inkjet printer.

25 (previously presented). The method claimed in Claim 23, wherein the invisible information is recorded as a pattern of invisible dye in a photographic emulsion layer.

26 (previously presented). The method claimed in Claim 23, wherein the invisible information is recorded as a pattern of invisible dye deposited by sublimation from a donor.

27 (previously presented). The method claimed in Claim 23, wherein the pictorial image is a photographic image.

28 (previously presented). The method claimed in Claim 23, wherein the pictorial image is a computer generated image.

29 (currently amended). The method claimed in Claim 22, wherein the invisible ~~information is~~ data elements are each distance information relating to ~~the~~ a respective one of the image pixels.

30 (currently amended). The method claimed in Claim 22, wherein the invisible ~~information is~~ data elements are each a classification of ~~the~~ a respective one of the image pixels.

31 (currently amended). The method claimed in Claim 22, wherein the invisible ~~information is~~ data elements are a difference between ~~each~~ a respective one of the image pixels and a corresponding element in a separate image.

32 (previously presented). The method claimed in Claim 31, wherein the visible image and the separate image comprise a stereo pair.

33 (currently amended). The method claimed in Claim 22, wherein the invisible ~~information is~~ data elements are each an attribute of the color or exposure of ~~the~~ a respective one of the image pixels.

34 (currently amended). The method claimed in Claim 22, wherein the visible image is a constrained image and the invisible ~~information represents~~ data elements each represent a difference at a respective one of the image pixels between the constrained image and an unconstrained version of the image.

35 (previously presented). The method claimed in Claim 34, wherein the visible image is constrained in resolution.

36 (previously presented). The method claimed in Claim 34, wherein the visible image is constrained in dynamic range.

37 (previously presented). The method claimed in Claim 34, wherein the visible image is constrained in color gamut.

38 (previously presented). The method claimed in Claim 22, wherein the invisible information is detectable in the ultraviolet region of the electromagnetic spectrum.

39 (previously presented). The method claimed in Claim 22, wherein the invisible information is detectable in the infrared region of the electromagnetic spectrum.

40 (previously presented). The method bearing article claimed in Claim 22, wherein the invisible information is recorded in multiple layers on the medium.

41 (previously presented). The method bearing article claimed in Claim 22, wherein the article contains a temporal sequence of images.

42 (currently amended). The method bearing article claimed in Claim 22 23, wherein the invisible information is recorded at a resolution different from that of the visible image.